

## Production of highly pure hydrogen

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- **european:** H01M8/06C, B01D53/22, B01D71/02M, C01B3/50B, C01B3/56, C10J3/14, H01M8/06B2G, C01B3/32  
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### Abstract of DE19734259

Production of hydrogen, especially pure hydrogen comprises: (a) gasifying biomaterial (B) in a vaporiser (1) in the presence of water vapour to form a raw gas containing hydrogen; (b) adjusting the temperature in the vaporiser (1) in the reaction zone so that the vapour pressure of selected components of the biomaterial (B), e.g. minerals is low so that the components together with ash (A) produced during gasification are removed from the process; and (c) removing the hydrogen from the crude gas by means of a hot gas filter (2). An apparatus for carrying out the process is also claimed

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